STATE OF NORTH CAROLINA
OFFICE OF STATE BUDGET AND MANAGEMENT

PAT MCCRORY
GOVERNOR

ART POPE
STATE BUDGET DIRECTOR

September 30, 2013

MEMORANDUM

TO: Senator Phil Berger, President Pro-Tempore of the Senate
Representative Thom Tillis, Speaker of the House of Representatives

FROM: Art Pope, State Budget Director Art Pope

SUBJECT: Report on Allocations from the Repairs and Renovations Reserve

The General Assembly, in Session Law 2013-360 (Senate Bill 402) appropriated $150,000,000 from the unreserved fund balance to the Repairs and Renovations Reserve Account to finance the capital facility costs of repairing and renovating State facilities and related infrastructure. Of these funds appropriated, the General Assembly allocated $60,000,000 (40%) to the UNC Board of Governors (BOG) and $90,000,000 (60%) to the Office of State Budget and Management (OSBM). State agencies were instructed to submit a prioritized list of R&R project needs to the Office of State Budget and Management (OSBM) by September 16, 2013. Requests totaling $554,453,040 million for 545 projects were received.

The Office of State Budget and Management (OSBM), working with the State Construction Office (SCO), employed a multi-step process to select FY 2013-14 non-university repair and renovation projects.

- The agencies submitted prioritized lists of repair and renovation projects, approved cost estimates using the Office of State Construction's OC-25 Form, and OSBM's R & R Request Worksheets.
- OSBM met with several agencies to review their requests in detail to better understand the scope, feasibility and priority of requested projects.
- OSBM utilized a funding model to establish a baseline for the approximate repair and renovation allocation for each agency. The formula used by OSBM considered the most recent information on the current replacement value, condition indicated by FCAP reports, size, and age of agency facilities.

Using the baseline funding allocations and project specific information, OSBM consulted with the SCO and made final selections of repair and renovation projects based on the statutory requirements of G.S. 143C-4-3.

One hundred ninety-one (191) projects totaling $90,000,000 are recommended for allocation from the Repair and Renovations Reserve.

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Allocation to Each Agency/Department

Department	# of Projects	Amount	%
Department of Administration	65	$20,646,900	22.94%
Department of Agriculture and Consumer Services	26	$5,407,000	6.01%
Department of Cultural Resources	32	$7,373,000	8.19%
Department of Environment and Natural Resources	17	$5,437,400	6.04%
Department of Health and Human Services	24	$16,079,000	17.87%
Information Technology Services	1	$778,000	0.86%
Department of Justice	3	$3,686,000	4.10%
Department of Public Instruction	6	$4,736,700	5.26%
Department of Public Safety	16	$18,130,000	20.14%
Department of Transportation	1	$840,000	0.93%
Office of State Budget & Mgmt Contingency Fund	1	$6,886,000	7.65%
Total	**191**	**$90,000,000**	**100%**

Also, attached for your review is a detailed project list that outlines the Office of State Budget and Management's allocation to each agency. This report is submitted for consultation.

The University of North Carolina will provide a separate list for projects they are planning.

If you have any questions or concerns, you may contact Assistant State Budget Officer for Statewide Analysis and Capital, Donna Cox, by dialing (919) 807-4746 or email to donna.cox@osbm.nc.gov.

2013-14 Repair and Renovation Reserve

Recommended Project List

Administration	Allocation
Deck 64 Elevator Replacement - Imminent Failure The passenger elevator servicing Deck 64 is a 4-stop elevator installed in 1978. It is located in a harsh environment and the cab is rusted badly. The elevator is often out of service, parts are obsolete, so any servicing is delayed and expensive. It is at the end of its expected service life.	144,900
Heck Andrews House - Exterior Repairs & Painting The Heck Andrews House is a historic wood frame house that is currently vacant but in need of repair to decorative wood trim, wood siding, window glazing, and exterior painting. Paint condition is so poor that wood decay is prevalent and continued neglect will result in loss of the house. Design documents are presently being prepared through use of DOA Facility Mgmt operating budget.	485,000
Labor Building - HVAC Repair, Supplement Repair work to the HVAC system in the Labor Building is underway. The work in progress involves repair of air distribution boxes, installation of new direct digital controls (DDC), and new coils. During current work, it was discovered that existing ducts do not have internal insulated lining as expected. In order for this duct to remain in service, it must be insulated. This will also require replacement of the concealed spline ceiling. In addition, this supplement will replace 7 air handling units that are obsolete and problematic. Replacement of these units will provide both energy savings and better conditioning of the space.	512,000
History Museum - Replace Fire Alarm Panel & Main Doors The Museum fire alarm panel is obsolete and needs to be replaced to avoid an emergency repair or replacement. All existing smoke detectors and notification devices will be replaced during this project. The shunt trip and smoke evacuation control circuits will be reconnected and tested. Project also includes replacement of the large glass main entry doors. These doors are very heavy and have been problematic for many years. Past attempts to repair doors have not been successful. It is critical that these doors open properly since they function as part of the smoke evacuation system.	538,100
Andrews-London & Bailey-Tucker Houses - Exterior Repairs and Painting Andrews-London is a brick house that serves as the Governor's guest house. This project will involve repairs to wood shutters, columns, and trim boards and includes painting of all exterior wood. Bailey-Tucker is a brick house that is currently unoccupied but is used by the Governor's Security Detail. This project will involve repairs to wood shutters, porch columns, trim boards, gutters, and painting of all exterior wood. Exterior paint is in poor condition and wood decay is present in many areas. Continued neglect will result in total loss of the wood components. Design documents are currently being prepared with use of DOA Facility Mgmt operating budget.	105,200
Hawkins Hartness House - Exterior Repairs & Painting Hawkins-Hartness House provides office space for the Lieutenant Governor and is a historic brick house with large wood porches and decorative wood trim. This project will involve restoration and refinishing of the exterior woodwork and trim, including porches. Condition of the paint is so poor that wood decay is prevalent and continued neglect will result in loss of woodwork on house. Design documents are currently being prepared through DOA Facility Mgmt operating budget.	138,000
State Capitol Building - Exterior Repairs to Windows This project will involve scraping away old paint and repainting the frames, sashes, and muntins of the windows at the State Capitol Building. Also included will be re-glazing of the windows and the repair and replacement of damaged or deteriorated window materials and hardware.	293,000
Handy House - Exterior Repairs & Painting Handy House is wood frame house that provides office space for the Governor's Highway Safety Program. Wood components are badly decayed, the slate roof needs repairs and the gutter system needs to be replaced. Wood decay has occurred after years without fresh paint and continued neglect will result in loss of the house. Design documents are presently being prepared through use of DOA Facility Mgmt operating budget.	161,700

2013-14 Repair and Renovation Reserve

Recommended Project List

Museum of Natural Science-Replace Existing Flat Roof System 472,000

This project will involve removal of the existing ballasted membrane roofing system and the installation of a new roofing system. The existing system is nearing the end of its useful service life and is starting to break down and leak. This situation has been exacerbated by wind borne vegetation, whose root system has gotten underneath the roof membrane. Flashing at the skylights and gutters surrounding the metal roofs are also breaking down, resulting in leaks inside the building.

Jenkins and Wilson House - Exterior Repairs & Painting 112,200

Jenkins and Wilson Houses are both vacant brick houses with wood trim and porch components. This project will involve repairs to wood shutters, columns, and trim boards and also includes painting all exterior wood. Exterior paint is in poor condition and wood decay is present in many areas. Continued neglect will result in total loss of the wood components. Design documents are currently being prepared with use of DOA Facility Mgmt operating budget.

Phillips (PIN) Building- Roof Replacement 186,300

This building has active leaks. Internal building renovations are planned that will allow additional employees to move into the building in order to more efficiently utilize this space and the roof replacement project will need to be completed before the internal renovations can begin.

Hawkins Hartness Handicap Lift Replacement 25,000

The handicap lift in this building is very old and often shuts down completely. This prevents handicapped access to the Lieutenant Governor's Offices and the Division of Facility Management has received numerous complaints about persons not being able to access the building.

New Education Building-Replace Secondary Chilled Water Pump 34,700

The secondary chilled water pump in this building is about 30 years old and needs to be replaced. Failure of this pump results in loss of cooling to the New Education Building.

Justice Building - Exterior Repairs and Waterproofing 759,000

The Justice Building is experiencing multiple problems related to water infiltration. The water has damaged interior finishes and creates an environment favorable for mold growth. The building occupants are very concerned about damage to critical legal files, including Death Row legal files, and to potential health concerns if mold develops. A thorough investigation of the water intrusion problems has been conducted. This project will involve making required repairs to the building envelope including: reflashing at penthouse doors and walls; repairs to drains and mortar joints in window wells; repair cracks in stone cladding and repoint joints; repoint brick mortar joints and repair rusting lintels; replace sealant at window sills; and, clean stone walls.

Parking Deck 65-Structural Repairs & Waterproofing 1,628,000

Parking Deck 65 structure is deteriorating due to failing waterproofing and joint sealants. This project will address the following four main areas of concern: waterproofing the top of the wall; concrete spalls; expansion joints; and, crack repair.

Shore, State Records, and Caswell Buildings - Standpipe & Fire Dept. Connection Repairs 60,000

Annual testing of the Standpipe and Fire Dept Connections in buildings located in the Government Complex has identified several locations that require repairs in order for Raleigh Fire Department to respond effectively to a fire call. This is a serious fire safety concern.

2013-14 Repair and Renovation Reserve

Recommended Project List

Administration Building - Replace Generator, Automatic Transfer Switch, Basement Motor Control Center, and Lighting Retrofit. A 2011 electrical project replaced the existing switchboard and the majority of the panel boards in the Administration Building. This project will replace the remainder of the 50 year old electrical gear. Work will include replacing the existing 400 kw Emergency generator, the existing 1200 amp automatic transfer switch, and the emergency motor control center and associated feeders. A second disconnect will also be installed to allow the separation of the emergency lighting from the general circuits serving the emergency operations center. The emergency lighting panel will also be connected to the new automatic transfer switch.	225,000
Motor Fleet Management - Fuel Tank Replacement Motor Fleet Management's ethanol tank is in violation of DENR Underground Storage Tank Regulations. This project will involve investigation of tank type and installation to determine compatibility with stored fuel. This violation has existed for some time and has now become an urgent matter.	50,000
New Revenue Building - Replace Chillers, Hot Water Pumps, and Convertors The existing building chillers are over 20 years old and are no longer reliable for providing HVAC service. The chiller's variable drives are integrated into the machines and are no longer serviceable. Failure of any one of the two building chillers could result in a loss of space conditions for the entire building. The New Revenue Building was connected to a district cooling loop under a performance contract which allows the building to be cooled during non-peak and off season times from the district cooling plant. The operation of the district loop and the New Revenue Building relies on the in-building chillers to carry the building cooling load during peak operating times and seasons.	438,800
New Revenue Building - Replace Fire Alarm Main Panel The existing fire alarm system is a voice evacuation type system with a Pyrotronics System 3 head end. The fire alarm panel is obsolete. The voice evacuation part of the system was replaced with an EST3 panel. The remainder of the system needs to be replaced in order to complete the repair and all existing smoke detectors will be replaced. Also, the shunt trip circuits will be reconnected and tested and a mass notification message system will be added that allows specific messages to be distributed over the speaker system depending on the specific type of emergency. The majority of the work will be done on weekends and at night, and testing will only be allowed after normal hours. A fire watch will be required during the change out period.	233,000
Downtown Main Steam Plant - Replace Condensate Pump, Make-Up Tank, Flash Tank and Controls This project will replace a 700-gallon condensate surge tank at the downtown main steam plant.	295,000
Administration Building - Replace Hot Water Heater and Steam Valves The existing hot water heaters and steam valves are old and unreliable. Failure of these components would interrupt heating to the Administration Building.	25,000
Old Revenue Building - Replace Condensate Tank & Controls The steam condensate station is old and leaking. This impacts the return of condensate to the Main Steam Plant and adversely affects overall performance and increases the costs of operating the main boilers.	40,500
Executive Mansion-Replace Steam Valve & Condensate Line at Manhole The steam line supplying the Governor's Mansion has a leaking valve and leaking steam condensate lines. This reduces the amount of heat that can be supplied to the Mansion, reduces the overall performance of the steam distribution system, and presents a safety hazard for employees that have to work at the manhole. These repairs are urgently needed.	30,000

2013-14 Repair and Renovation Reserve

Recommended Project List

State Surplus Property - Replace Electrical Panels and Connect To City Sewer The State Surplus Property warehouse was built in 1968 and is a 41,200 sq. ft. facility. This project will include replacing the existing 40-year old electrical service and main feeders, and installing exterior perimeter security lighting. The project will also include a new lift station and provide a connection to municipal sewer. The existing septic system is failing and needs to be taken out of service.	292,000
Archdale Building - New Panel boards, Feeders, Lighting Contactors The Archdale building is a 16-story high rise built in 1977. The electrical panels are in poor condition, obsolete, and need to be replaced. The switchboard is original to the building and also needs to be replaced. The lighting control system is not functional and the lighting contactors need to be replaced.	255,000
New Education Building - Penthouse Roof Flashing Repairs The flashing at base of the rooftop penthouse is deteriorated and leaking. This project will replace the old flashing.	35,000
Black Mountain Veterans Administration Cemetery - HVAC, Foot Bridge, Carpet Replacement The facilities at the Black Mountain VA Cemetery are almost 20 years old. This project will replace the HVAC systems and provide new carpet in the Chapel. This project will also replace two unsafe wooden foot bridges that provide pedestrian access across streams to the burial areas.	136,000
Jacksonville Veterans Administration Cemetery - HVAC Repairs The HVAC unit at this facility is old, shuts down frequently, and is very expensive to repair. This project will replace the old equipment with a new, highly efficient unit	85,000
Salisbury Veterans Administration Nursing Home - Elevator Upgrades, ADA Improvements, New Boiler Control Equipment Existing elevator control systems are outdated and obsolete. Brake dust has coated all areas in elevator machine room. This project will provide a new venting system that will remove dust from the machine room and new control systems for each of the two elevators. This project will also include rebuilding the main front entrance in order to meet ADA requirements. Additional mechanical improvements include rewiring the air compressors that provide air for pneumatic controls and replacement of the touch screen interface on the boiler controls.	298,000
Court of Appeals Building - Install Time Clock Lighting Contactors Lighting control in this building is presently handled by the building control system. This project will provide a time clock with a lighting contactor to allow for more effective building lighting control. The new system will be similar to other systems in place in the other government complex buildings.	5,000
Governor's Western Residence - Sewer Repairs - Supplement The existing septic system at the Governor's Western Residence has failed and current funding is in place to evaluate four options for a replacement system. The preferred option is to construct a new gravity fed line that connects with the existing municipal sewer system. The new system has an estimated construction cost of $140,000. Preliminary design is already underway due to the extreme urgency of replacing the existing system.	161,000
Shore Building - Replace Electrical Panels This project will involve replacing numerous electrical panels that in some cases are over 50 years old, are obsolete, and need to be replaced. Also, the circuit breakers in these panels are failing and are very difficult and expensive to replace.	65,000
Government Complex - Urgent Repairs - Life Safety & Failed Building Systems The Government Complex is a large campus with many urgent, unexpected needs related to fire safety, life safety, and failed buildings systems. The project will fund a reserve that will allow the Department to very promptly respond to these type situations as they occur.	500,000

2013-14 Repair and Renovation Reserve

Recommended Project List

New Revenue Building - Replace Hot Water Heaters The heating system in the New Revenue Building consists of two hot water steam convertors. One of these has failed and there is no backup in place. This project will provide new convertors needed to provide reliable heating for the building.	115,000
Shore Building - Replace Air Cooled Chillers This project will replace two air cooled chillers. The current system is original to the building (1938) and has exceeded its useful life. The cost of repairing and maintaining the old out-dated equipment has become extremely high.	323,000
Executive Mansion - Exterior Repairs and Painting This project will restore and refinish all woodwork and trim on exterior of the Executive Mansion.	113,300
Executive Mansion - Renovate 2nd Floor Bathrooms The bathrooms on 2nd floor residential area of the Executive Mansion are in need of renovation. The project will provide new tile floors, new countertops, and new fixtures.	230,000
Government Complex - Plumbing Repairs The Division of Facility Management has identified a number of plumbing repair projects that exceed its capacity for routine maintenance, including the replacement of failed "P-traps" in the Archdale and Albemarle buildings. These traps are currently leaking.	56,700
Bath Building - Replace Condensate Tank, Controls, Main Steam Station, and Pressure Relief Valve Steam station and condensate tank are failing and need to be replaced to ensure adequate heating in building.	109,000
Spring Lake Veterans Administration Cemetery - Irrigation Phase 2 Work is currently underway on the installation of well and pumps for the irrigation system at Spring Lake VA Cemetery. This project will provide a new irrigation distribution system and controls. This project is necessary to allow the cemetery to maintain the lawn of the burial grounds. At present, many areas do not have adequate ground cover due to lack of water.	202,000
Government Complex - Parking Lot 20 Resurface This project will resurface Lot 20 and perform necessary modifications due to the construction of the State Bar Building. Work will include repairing asphalt sinkholes, restriping parking spaces, and eliminating wide cracks. The project will also include modifying the Dawson Street entrance of Lot 5 to eliminate a safety risk.	197,800
Chiller Plant #2 - Piping Connection for Temporary Chiller New Chiller Plant #2 operates at full capacity during summer months and loss of a chiller impacts the ability to provide cooling to all buildings on the downtown government complex that are served by Chiller Plant #2. This project will provide piping and connections for a temporary chiller. Power for the temporary chiller will be provided by a rental generator to avoid the very high cost of replacing existing switchgear and to allow for a permanent additional electrical connection point. This is the most economical option for providing back-up chiller capacity at this plant.	65,000
Government Complex - T-12 Lighting Retrofit T-12 lamps and magnetic ballasts are no longer manufactured. DOA has been working to replace these fixtures for the past several years. However, there are about 19,000 of these fixtures remaining at the following buildings: Albemarle (5,000 ea), Administration (3,500 ea), Personnel Training (500 ea), Shore (450 ea), Labor (400 ea), Old Revenue (100 ea), Textbook Warehouse (500 ea), Archives & History (3,700 ea). The estimated replacement cost is $100.00 per fixture. Replacement of these units with updated energy efficient fixtures will result in energy savings.	2,605,000
Old Revenue Building - HVAC System Modifications & Control Replacement The air handling units at the Old Revenue Building are over 25 years old and problematic, requiring constant repairs. This project replaces nine of these units, along with system controls, and will result in improved performance and energy savings.	658,000

2013-14 Repair and Renovation Reserve

Recommended Project List

Government Complex - HVAC System Improvements The buildings in the Government Complex have many HVAC repair needs. The departmental mechanical engineer and control technician have prepared plans to address partial system replacements as part of a phased approach for total system replacements. This project will allow the Department of Administration to address the most critical of the HVAC needs in a planned and phased approach.	651,280
Construction Services - Replace Condensate Tank & Controls Steam condensate pumps are leaking and the controls are in disrepair and this reduces condensate return to main steam plant. This project will replace the condensate tank and controls.	36,800
Archdale Building - Replace Generator This project will provide funding for a new 600 kw emergency generator and add a second disconnect for future upgrades in compliance with current building codes for emergency systems. The existing generator is 36 years old and has significant maintenance requirements.	213,000
Albemarle Building - Replace Condensate Tank, Controls, and Pressure Reducing Valve This project will provide funding to replace the steam condensate pumps and tank, along with the system controls, and the pressure reducing valve. The current equipment is leaking and this impacts condensate return to main steam plant.	46,200
Jones Street Underground Infrastructure - Replace Condensate Line from Blount Street to Salisbury Street The existing steam condensate line along Jones Street is buried underground, and this has resulted in deteriorated piping and steam condensate leaks. This project will provide funding to install new steam condensate lines in the existing steam tunnel, which will minimize damage to the new piping. Repair of the condensate line will allow condensate to return to the main steam plant resulting in less make-up water and water treatment chemicals.	404,000
Shore Building - Replace Air Handling Units and HVAC Controls The air handling units at the Shore Building are over 50 years old and failing, requiring constant repairs. This project will involve replacing air handling units, failed pneumatic controls, and hot and cold water coils. Once completed, this project will result in improved performance, energy savings, and increased comfort for building occupants.	822,000
Old Revenue Building - Replace Condensate Tank and Controls This project will involve replacing steam condensate pumps that are leaking and the associated controls that are in disrepair.	40,500
Justice Building - Replace Pressure Reducing Valve at the Steam Station This project will involve replacing the faulty pressure reducing valve at the steam station in this building. The faulty pressure reducing valve creates erratic steam pressure and as a result, the steam station does not operate properly.	11,600
Downtown Steam Plant - Re-Caulk Exterior Wall Joints The steam plant is experiencing water intrusion through failing caulk joints on the exterior walls. An earlier project repaired a portion of the exterior wall joints and this project will address the remaining caulk joints that need repair.	39,400
Administration Building - Replace Roof This project will abate the exposed sprayed asbestos containing fireproof material on the roof framing and re-coat the structure in a new non-asbestos containing fireproofing material. Once that phase is completed, the existing roof can then be demolished and a new roof installed. It will be necessary to relocate the occupants of the fifth floor until the project is complete.	1,877,400
Dobbs Building - Improve Roof Drainage System The roof drainage system in this building has been problematic since its original installation 36 years ago. Recent projects have addressed some of the flooding issues caused by the failed roof drains. This project will allow for further investigation and re-design of the drainage system.	98,000

2013-14 Repair and Renovation Reserve

Recommended Project List

State Records Center - Elevator Replacement This project will involve replacing a single 8-stop passenger elevator, as well as a dumbwaiter elevator which is used for packages. The elevator is 38 years old and requires constant maintenance.	255,000
Dobbs Building - Generator Replacement This project will replace an existing generator with a new 150 kw emergency generator. The existing generator is out of date and replacement parts are difficult to locate. This project will also provide a second disconnect for future upgrades in compliance with current building codes for life safety circuits. Additional work will sound attenuate the room that houses the generator. Current generator is 36 years old and requires significant maintenance.	116,000
Archdale Building - Replace Hot Water Convertor & Pumps This project will replace the current 36 year old hot water system, along with the associated hot water pumps and convertor. The current system is not reliable and requires constant repairs.	304,000
Archives & History Building - Main Distribution Panel Replacement A recent Department of Administration breaker testing project identified several main distribution panels that failed testing requirements. The main distribution panel in the Archives & History Building was rated deficient and must be replaced.	90,000
Motor Fleet Management - Fire Alarm Upgrade The fire alarm system at Motor Fleet Management is comprised of several systems that were installed at various times as part of separate projects. This project will address the problems created by having multiple systems that do not properly coordinate.	35,000
Archdale Building - Fire Alarm System Modification - Add Announcement System This project will modify the current fire alarm system to provide notification of multiple emergency situations, such as tornado, security lockdowns, etc. These different situations require different responses - fire requires exit of building, tornado requires moving to center of building, and security lockdown requires defending in place. The new system is in place in several Government Complex buildings and it is very effective.	15,000
NC Community College System - HVAC, Life Safety Corrections, Repair-Fire Safety Corrections This project will fund improvements to address several building deficiencies identified in previous Department of Insurance and Office of State Construction facility inspections. Specifically, stairway S-2 needs 2 hour protected discharge; clear plain glass opposite the elevator is required to be wire glass (or new sheetrock wall); Install new stairwell doors with self latching hardware on floors B through 4; replace stair door CB-2 and door B58 needs to be 1 1/2 hours and B rated; sand and refinish hardwood floors at elevator landings on floors 2 through 5; level and replace flooring in basement and replace deteriorated handrail's and steps at basement entrance.	800,520
NC Community College System - Caswell Building - Waterproof North Wall, Repair Interior Water Damage The Caswell Building is experiencing water intrusion near windows located on the North End addition. This has resulted in damage to the interior finishes around the windows. The project includes providing new flashing around windows, tuck-pointing the masonry around the windows, repair and painting of interior walls around window jambs. Further delay on this project results in more interior damage and possibility of mold development on the interior wet surfaces.	707,000
New Revenue - Replace Precision AC Units in Computer Rooms This project will replace aging precision (Liebert) HVAC units in the Revenue computer rooms. These rooms house computer equipment for the NC Dept of Revenue. It is essential that these units are reliable and able to provide continual cooling to this critical operation. The units are original to the building and at 20 years old are approaching the end of their useful life. These units are 15 ton with rooftop water cooled condenser units.	585,000
Administration Total	**20,646,900**

2013-14 Repair and Renovation Reserve

Recommended Project List

Agriculture and Consumer Services

NCFS Robeson County SENCAEC Facility Adaptation — 408,000

To adapt/repurpose an underutilized storage structure at the Southeastern Agricultural Event Center to replace a compromised NCFS County fire control facility in Robeson County. Existing NCFS facility has numerous failed systems that exceed cost benefit to repair. SENCAEC storage structure is a pre-engineered building shell that can be easily adapted to B & S2 Occupancy. Existing Building is 10,500 SF of open air bays, of which this project will adapt:1500 SF Open Bay to Office, 3000 SF of Open Bay to S2, and leaving 6000 SF unmodified. Project includes moderate site work to existing parking lot for heavy equipment access.

Stairwell / Paving — 202,000

Cut out and place an exit door in an existing wall to exit from the second floor to the ground outside. Currently there is no exit to the outside from the Training Room located on the second floor. An exit door would be added and a stairwell on the outside leading from the exit door to the ground. The NC Dept. of Insurance has cited this as a state fire code violation. They have requested that this be done. The Training Room is not to be used until this exit is completed. Paving Project: Currently their driveway is too narrow to accommodate tractor trailers meeting each other and the parking area is beginning to deteriorate with cracks and broken pavement appearing. The plan is to widen the main drive to accommodate the meeting of tractor trailers and to repave their parking lot.

Power Surge & Single Phase Protection for Eaddy Bldg. — 23,000

Power surge and single phase protection is needed for the Eaddy Building, which houses the Soil Testing, Nematode Assay and Plant/Waste/Solution Laboratories. This year the Eaddy Building has experienced major problems with dirty current, power surges, and lightning. A spike in the voltage supplying the electronics of laboratory instruments can cause permanent damage to these instruments; the Eaddy Building has approximately $1,000,000 in laboratory instruments. In addition, power surges can cause the HVAC system to shut down, leading to high relative humidity. Since sensitive laboratory instruments cannot withstand humidity greater than 50%, laboratory operations need to cease until the relative humidity is brought down to an acceptable range. The request is to purchase building-wide surge protection to regulate voltage coming into the building along with single phase protection for a variety of motors (HVAC, chill water pump, boilers, de-aerator, etc.) that need three-phase electric power.

Three Air Handling Units & Controls - Ballentine — 805,000

Based on the recommendation from Spring Stoops McCullen Engineering, the three air handling units and controls need to be replaced. Insulation on the inside is starting to clog up coils due to age. The insulation is falling apart on the inside and clogging up ducts and coils. Drain pans are rusting out and giving problems. Replace original chiller system with new air cooled chiller, pumps and controls.

NC Forestry Service (NCFS) District 1 Site Work & Office Repairs — 181,000

To address substantial site drainage issues that have compromised use of facility storage lot, paving failures, and minor site appurtenances. To address a number of thermal envelope improvements at two buildings. Site receives substantial run-off from up-hill development and original storm drainage from 1950s has deteriorated and is undersized. Office buildings dating to the 1960s have single pane windows and limited insulation. Work includes replacement of failed storm drain systems with appropriately sized piping and yard inlets in rear lot. Work includes selective repair to failed pavement and overlay of asphalt at front lot. Work includes window and door replacement at District Office and one small storage building.

2013-14 Repair and Renovation Reserve

Recommended Project List

Roof Repair & Replacement - Multiple Locations 282,000

Structures on several research stations are in need of repairs and replacement to roofing. The structures have been damaged over time by wind, rain and other environmental elements. They are developing leaks which will lead to additional problems and increased repair costs in the future. Structures needing roof repair or replacement are at the Mountain Research Station (Waynesville), Oxford Tobacco Research Station (Oxford), Peanut Belt Research Station (Lewiston Woodville), Piedmont Research Station (Salisbury) and the Upper Mountain Research Station (Laurel Springs.) The scope of work will range from minor repairs to replacement of the entire roof and any damaged underlying structure. The total number of structures included in the project is 22.

Miscellaneous Critical Laboratory System Repairs 101,000

Miscellaneous critical repairs include the following: 1) Lift station repair and pump replacement to Rollins Animal Building to keep sewage from backing up into the laboratory areas and animal holding rooms. 2) The incinerator control system at the Arden Lab is currently obsolete and uses more fuel to burn than is needed. Moving the touchscreen with integrated PLC into the building will protect controls from the weather and vandalism. In addition, if the incinerator fails replacement costs will be in excess of $100,000. 3) Monroe Lab - Mold growing in ceilings, offices, books, lobby, storeroom, working areas of the laboratory. Entire building needs mold remediation and cleaning.

Constable Lab Replacement of Stainless Steel Exhaust Fan & Makeup Fan 357,000

Based on the Constable Lab Building Systems July 2007 Report from Spring Stoops McCullen Engineering, it was identified that the stainless steel exhaust fan needed to be replaced. For the stainless steel exhaust fan, the balance report indicated that the airflow was low. The fan wheel, housing, and motor had significant amounts of rust and corrosion. The belt adjustment rack is no longer operational. For the makeup air fan, the balance report indicated that the airflow was low. The outside dampers were rusted and not operable. Both the stainless steel fan and the makeup air fan are the original fans installed with the building in 1977. The variable speed controller was replaced in 1995 but needs to be replaced now to work with the new fans.

Charlotte Farmer's Market - Security Fence Roofs 196,000

There is currently a residential/commercial development being constructed around the market and no fence to keep intruders out. This is a security issue. There are 7 trees and 9 stumps around the Administration building that need to be removed; the trees have fungus and are dying. The Market has five buildings with metal roofs that are 30 years old and 2 are leaking, certainly not what you want for buildings where food is sold. Additionally, two of the steel buildings are in need of an exterior repaint. The condition of the buildings reflects negatively on the market.

WNC Farmers Market - Roof Repairs & Restaurant Renovation 564,000

Market Shoppe A and Truckshed 2 were built in 1977, Market Shoppe B and Truckshed 1 built in 1979, Garden Center in 1982 and Truckshed 3 was built in 1986. The metal roofs on these buildings were coated in 2000. The coating on these roofs have deteriorated and the roofs are starting to rust. It is our recommendation that they be recoated again. Funding is also needed to complete restaurant renovation to meet code and requirements.

NC Forestry Service (NCFS) Claridge Nursery Coolers Repairs 260,000

To address numerous repair items that have arisen due to age. Work includes roof replacement to three nursery cooler buildings, replacing electrical systems, repairing insulation, and installing generator shore connections for back-up power. The coolers are used to store nursery seedlings between collection and distribution/sale. They are a critical component in the nursery's successful operation as service to the public. In addition to a comprehensive repair, each electrical system will be equipped with a shore connection to allow connection of a movable generator as back-up power during outages.

2013-14 Repair and Renovation Reserve

Recommended Project List

Repairs to Electrical Service - Tidewater Research Station — 144,000

Electrical repairs and upgrades are needed at shop and the Extension Center and Headhouse/Greenhouse Complex at the Tidewater Research Station in Plymouth. The Implement Shed/Shop (SPO # 10) was constructed in 1951 and renovated in 1995 and needs to be rewired to upgrade the system from 200 amp to 400 amp and brought into compliance with current building codes. The fire alarm system in the Vernon James Research and Extension Center (SPO # 69) and the Greenhouse/Head house (SPO# 72) need to be replaced. The system frequently calls to dispatches the fire department, at often 2 to 3 times per month. A fire alarm system that provides notification only in case of emergency is needed.

Humidifier System - Standards Lab — 10,000

The current humidifier system is not maintaining a controlled environment throughout the laboratory necessary to perform calibration work. The humidity inside the building is outside of the required parameters. Repairs are necessary in order to keep accreditation, and to have a controlled environment while performing customer or program work. The system is erratic at times and often work must be stopped. The current system is about 14 years old.

SBMEAC Doors/Sidewalk/Parking — 217,000

The sidewalk area on the SW side of the arena is cracked and undermined. This is posing a risk to vendors and other traffic. Repairs will prevent this sidewalk area from caving. The Arena Doors are discontinued and in a state of disrepair. The repair parts for the internal hinges and latches are no longer available. The proper functionality of these doors is imperative to the convenience as well as the safety of patrons and exhibitors. Subsequently, they will be a hazardous obstacle should there be a necessity to evacuate the arena. The parking lot is in a state of disrepair. It is cracking and large pieces of asphalt are coming up. Portions need to be repaved and the whole lot needs sealing and repainting.

Old Health Bldg. Phase III — 898,000

This project will allow abatement of asbestos and lead paint, installation of electrical, data and lightning circuits, painting and carpeting the area, completion of the HVAC system. This project will continue the renovation process for the Old Health Building, allowing use of more available work space, removal of hazards, providing code compliant egress to more areas of the building and bringing ADA compliance to areas on the third floor.

HVAC Modification for the Eaddy Building — 136,000

The HVAC system for the Eaddy Building needs to be modified so that one room of the Soil Testing Lab is placed on a separate system. This room houses five Inductively Coupled Plasma (ICP) spectrometers, each valued at $120,000. The ICPs must be operated under very controlled environmental conditions. In the past several years, this room has experienced unacceptable fluctuations in temperature and high relative humidity. Since the ICPs cannot be operated when relative humidity exceeds 50%, the Soil Testing Lab has had to cease operations on some days. Spring, Stoops & McCullen Engineering has studied the problem and proposed placing this room on its own HVAC system.

NCFS Dupont State Recreational Forest Improvements — 116,000

To address needed improvements and deferred maintenance at four buildings necessary for operation of the Dupont State Recreational Forest. Work is focused on thermal envelope and plumbing. Work includes window replacement on a residence, plumbing replacement in a residence, siding replacement on a community building, and a roof and overhead door replacement on a hangar/storage building. Residences are for staff who maintain, operate, and provide security at the forest. The existing hangar has since been coverted to a storage building and is used to store maintenance materials for the forest; however, it is in dire need of better doors and a new roof to properly protect the contents.

2013-14 Repair and Renovation Reserve

Recommended Project List

Exhaust Cetane Room - Motor Fuels Lab — 12,000

Extra ventilation is required when Cetane engine is in operation. Engine creates heat, diesel fuel fumes and diesel fuel exhaust fumes beyond level of existing ventilation systems' capability to remove. At times, fumes build up in the room to the point of being clearly visible, and may be harmful to breathe.

EOC - Renovations on the Mezanine Floor — 41,000

Replacement of sink, toilet partitions and addition of ventilation system in the men's restroom. Removal of rear wall in Emergency Operations Center (EOC) and installation of movable partition to add additional space to EOC and have provisions to accommodate large meetings or break outs during an event. Units with fabric coverings would enhance the acoustic properties in the area. Repair or replacement of six office doors on Mezzanine to enhance functionality and security. The jambs of these doors were poorly installed and are loose in the door opening which makes them difficult to close and latch. This poses a security problem as several of these doors cannot be properly closed and locked at night.

NCFS Kinston Hangar Floor Asbestos Abatement — 18,000

To address loose asbestos floor tile in hangar offices. Hangar is leased from Global Transpark and is approximately 65 years old. Work includes removal of asbestos floor tile and epoxy painting of concrete floor.

NCFS District 5 Office & Shop Repairs — 98,000

To address needed improvements and deferred maintenance at the District Headquarters in Rocky Mount. Work includes replacing failing HVAC in the office, replacing a failing Boiler system in the shop, replacing a failing vehicle lift, and replacing a roof on the equipment shelter. Improvements to aged HVAC will provide energy savings on cooling costs.

Annex-Replacement Gas Pack Repairs Bldg & Painting & Fire Alarm — 63,000

Based on the recommendation from Spring Stoops McCullen Engineering, the gas pack system at the Annex needs to be replaced due to age and condition. The use of R22 with the current system is being eliminated, and a more cost efficient system will be required. Due to the age of the burners on the gas pack, they are starting to rust and becoming a safety hazard. The Annex needs to be repainted, and gutters and fascia boards need to be replaced as the boards are rotting off, and replacement is needed before mold problems start to occur. Based on the recommendation from Spring Stoops McCullen Engineering, the fire alarm panel and devices need to be replaced due to age and condition. False alarms have been going off due to problems with the programming of the alarm panel.

NCFS District 8 Office, Shop and Satellite Shop Repairs — 179,000

To address needed improvements and deferred maintenance at the District Headquarters in Whiteville and the satellite shop at Duplin-Pender Zone. Work includes 1) HVAC, Roof, and Insulation improvements at the District Office, 2) Restroom and Interior Repairs at the District Shop, and 3) Roof replacement and site work at the satellite shop. These facilities have not had significant improvements to HVAC, roofing, or thermal envelope in over fifteen years; insulation and HVAC work to the office will reduce cooling costs. The District Shop restrooms are in poor condition and have become a point of concern with the employees and the Fire Marshal.

NCFS Morganton Forestry Center Repairs — 38,000

To address failing shingle roofing and minor settlement at the Morganton Forestry Center. Work includes replacing shingle roof with metal. Minor settlement can be addressed by shimming between piers and framing.

NCFS District 12 Shop Roof Repairs — 38,000

To address failed membrane roof at the District 12 Shop in Mount Holly. Work includes preparation of base and application of overlay membrane with flashing.

2013-14 Repair and Renovation Reserve

Recommended Project List

Carteret County HVAC Replacement To address failing and inadequately sized HVAC system at the county office. Work includes new compressor and air handler, replacement ductwork and additional insulation. Replacing aged HVAC and adding insulation will reduce cooling costs.	20,000
Agriculture and Consumer Services Total	**5,407,000**

Cultural Resources

NC Museum of Art East Building Emergency Generator Repairs The project consists of the replacement of two (2) 750 kw Emergency Generators for the East Building. The existing 1979 emergency diesel generators have been previously rebuilt and are now beyond repair as determined by the Department of Administration. The emergency generators were originally included in the emergency electrical repair project which began in Dec. 2012 through a joint Cultural Resources and Department of Administration project, but the existing project funding will not cover all costs.	300,000
NC Museum of Art East Building Repairs - Art Storage Renovation and New Fire Suppression Project will renovate and increase the capacity of the NC Museum of Art storage facilities located in the East Building. Built in 1983, the art storage facilities, which occupies 5,143 sq. ft. is inadequate and unsafe for the works of art. The Museum of Art storage facilities, which is less than 5% of the buildings area, houses over 80% of the permanent collection, while 18.2% is on display. The Museum's collection is currently 3,830 works of art. The project includes roof replacement of approx. 10,000 sq. ft. on the East building with new membrane roofing system. Also, the project replaces the existing Halon Fire Suppression System with a new clean agent system and renovates the current shelving system with a new track system which provides 50% more storage. **The project funding will serve as a match for a National Endowment Grant in the amount of $533K which will be used on the new shelving system which will increase the capacity by over 50%.**	1,300,000
NC Museum of Art East Wing - Elevator Replacement This project is for the replacement of two passenger elevators and one freight elevator that were installed in 1981. These elevators are over 20 years old and have frequent shutdowns. The repair parts are difficult to obtain and have resulted in long periods of down times.	312,000
Southeastern Center for Contemporary Art- Hanes House HVAC Repairs The project consists of the replacement and repair to the HVAC systems serving the Hanes House of the SECCA facility. The Hanes House was originally built in 1929 and serves as the main entrance and office space for the contemporary art museum. The house is also used for Foundation Board meetings and rental space for community functions. The additional funds are required to complete the HVAC work not funded during Phase I of the SECCA renovation. Included in the scope of work are the chilled and hot water piping and insulation, seven fan coil AHUs, controls and power, The SECCA Foundation has funded the design of the new HVAC system.	293,000
Graveyard of the Atlantic Museum Building and HVAC Repairs Project consists of building and erosion repairs to the Graveyard of the Atlantic Museum located in Hatteras, NC. Project scope of work includes exterior painting and staining of the entire museum which is primarily wood construction, repairing erosion undermining concrete sidewalks by providing a new retaining wall and adding new storm water diversion, insulation of exposed HVAC duct in the attic above the office to eliminate condensation, replacement of the Museum's HVAC humidifier, repair of the cooling tower valve fittings and supports, and add new air supply and return in the ceiling of the office and gift shop.	160,000

2013-14 Repair and Renovation Reserve

Recommended Project List

Tryon Palace Fire and Security System Repairs Project will replace all dated and unreliable fire and security alarm systems for the following buildings: Main Palace, Dixon House, Kitchen Office, Stable Office, Poultry House, and Daves House at Tryon Palace. The Project will install new control panels, sensors, and fiber optic cable. Tryon Palace currently has $150K in grant funding to put towards the alarm improvement project.	120,000
Roanoke River Lighthouse Interior Renovation Project consists of the completion of the restoration of the 1886 3-story Roanoke River Lighthouse (total 2,000 sf) to its original 1886 condition. The scope of Phase III will include additional funding to complete the restoration of the interior spaces of the lighthouse, installation of new electrical and lighting systems, new HVAC system, new fire alarm/smoke detection systems, hazardous material testing and abatement and lighthouse lens and lens pedestal base restoration. [Accessible restrooms exist elsewhere on the site.] Completion of the lighthouse will add utility costs and maintenance costs to the Division of Historic Sites operating budget. No additional staffing. Staffing will be covered by existing Historic Edenton Historic Site Staff.	60,000
NC Transportation Museum Powerhouse Renovation This project will include complete renovation of the structure, including replacement of deteriorated roof structure, installation of supports to meet seismic requirements, installation of new roof, masonry repairs, doors, windows, etc. to complete the renovation. T Project was fully funded in 2007 R&R, but funding was reverted in 2009. The building suffered significant damage due to a tornado in the Spring of 2010 and the building is in jeopardy of losing two unsupported wall sections. The project received $1M in R&R funding during FY2012-13 and requires the additional funding to stabilize the structure.	600,000
Brunswick Town Fort Anderson Battery Protection & Shoreline Stabilization Project will provide significant protective structures and measures to provide protection of Fort Anderson's earthen Battery B, two known colonial wharfs, and unsurveyed archaeology associated with colonial Brunswick Town from wave damage and erosion caused by shipping traffic on the Cape Fear River. US ACOE is preparing to present their proposed shoreline protection plan the first week of May 2013. Anticipate project will cost $6M, with the state expected to match 50% or $3M. The Department working with SEPI Engineering Consultants have designed a solution which has the same effect with less cost.	850,000
Fort Fisher Historic Site Visitor Center Building & Palisade Wall Repairs Project will prep and paint the visitor center, repair and stain the exposed glulam roof beam, and replace the visitors center's carpet. Also, the project will restore the 1968 wooden palisade wall located along the base of the earthen batteries of the Fort	176,000
Somerset Place Historic Site Building Repairs & Painting Project will replace the Site's central boiler, construct a new handicapped ramp to the Collins House, prep and paint the exterior of the Slave House and Hospital Building, repair the interior plaster and paint the interior of the Overseer's House, and prep and paint all cabins and sheds on the site.	72,000
Roanoke Island Festival Park Museum & Auditorium Building & Roof Repairs Project will replace Roanoke Island Festival Park main building wood shingle roof which houses the Adventure Museum and Auditorium. Project will also address condensation issue in the Adventure Museum through the installation of new insulation beneath the raised floor.	225,000
Museum of the Cape Fear Poe House Metal Roof Repair Project will replace the failing metal roof that is now beyond repair on the Poe House. The Edgar Allan Poe House was built in 1896.	65,000
NC Transportation Museum Barber Junction Restroom Facilities Renovation Project includes major renovation of the restroom facilities for Barber Junction Train Station which serves as the visitor center for the NC Transportation Museum. The restroom facilities do not meet ADA code, are outdated and unattractive to the paying customers. Specifically, the project will replace bathroom hardware, replace interior finishes, and replace wooden decks.	72,000

2013-14 Repair and Renovation Reserve

Recommended Project List

Brunswick Town Fort Anderson Historic Site Visitor Center Building Repairs Project will install new wall cap to prevent water intrusion into the masonry walls of the 1670's St. Phillip's Church. Also, the project will repair loose mortar joints on the window arches.	25,000
Thomas Wolfe Historic Site Visitor Center & Wolfe House Repairs Project will repair wood siding and trim, prep, and paint the historic home of Thomas Wolfe located in downtown Asheville. Also, the project will replace the visitor's center carpet and replace inefficient lighting fixtures.	109,000
Duke Homestead Visitor Center Roof and Masonry & Parking Lot Resurfacing Project will replace the failing roof and address masonry and stone repairs on the Visitor Center and repave the Site's asphalt parking lot.	300,000
Reed Gold Mine Historic Site Visitor Center Building Repairs Project will repair structural wall issues, replace the carpet and flooring in the visitors center, replace the failing fire alarm system, renovate the gift shop, replace the phone system, and pave the parking lot.	290,000
Archives & History Building Plaza Railing Repairs Project consists of replacement of the existing pre-cast concrete railings located on the plaza level of the Archives and History Building due to structural deterioration to the metal railing supports as a result of environmental exposure. Two railing sections that were damaged by April tornados revealed internal structural damage beyond repair and we can only assume that other sections of the railing are in similar condition. The make up of the pre-cast panels has internal steel that holds the railings to the edge of the concrete slab. The internal steel on the weather damaged panels indicated extensive rust and corrosion, making it impossible to repair and reinstall the panels. The proposed railing replacement would be a glass and metal support system. This request is for additional funding required to complete the project.	75,000
Western Regional Records Center Building and Road Repairs Project will address building ADA access issues, add landscaping around the building, and repair and resurface the asphalt driveways to the Western Regional Records Center. These items were not able to be funded during the 2009 renovation project of the building.	106,000
CSS Neuse Historic Site - Queen Street Building Exterior Painting Project will prep and paint the exterior of the 1970's building to match the newly constructed Museum Building which is attached to the Queen St. building.	15,000
Museum of the Albemarle Portico Storm Shutter Installation Project will install storm shutters on current portico opening to provide protection to the interior open spaces of the Museum which is currently used for outdoor events. The shutters will allow the portico to be used as a rental space for the Museum during all-weather conditions.	82,000
Stagville Historic Site Visitor Center Building Repairs Renovate the visitor's center restroom facilities to meet ADA and building code compliance.	55,000
Brunswick Town Fort Anderson Historic Site Visitor Center Building Repairs Replace the visitors center's A/C unit, renovate restroom facilities, and address ceiling repairs.	42,000
Alamance Battlefield Historic Site Visitor Center Building Repairs Renovate the visitor center lobby, gift shop, and offices, replace the carpet, and install a new security gate at the road entrance at the Alamance Battlefield Historic Site Visitor Center.	165,000
Town Creek Historic Site Visitor Center Building & Parking Lot Repairs The project will prep and paint the exterior and interior of the visitors center, replace the flooring, and resurface the Site's asphalt parking lot and entrance drive.	226,000

2013-14 Repair and Renovation Reserve

Recommended Project List

NC Transportation Museum Sitewide Building Repairs and Code Compliance Improvements Project includes repair of 3 Roundhouse ceiling mounted exhaust fans located in the train diesel bays, replacement of the train turntable concrete slab, renovation of the Barber Junction Visitor Center, improvements to the visitor's center west side ramp to meet ADA compliance, repair of the concrete plaza major cracking and overtop with non-skid material, repair of plaza handrail and fence system, prep and paint guardrail system next to the Master Mechanics Building, Prep, prime, and paint the Roundhouse windows and siding, installation of a new wooden deck over the plaza loading dock, installation of screens over three sides of metal warehouse building.	569,000
Reed Gold Mine Historic Site Maintenance Building Repairs Project will replace the windows and doors on the Site's maintenance building.	20,000
Reed Gold Mine Staff Residence Roof Repairs Project will replace the roof of the Site's residence.	15,000
Halifax Historic Site Building Repairs Project will repair the windows on the Clerk's Office, Owen House, Tap Room & Eagle Tavern, replace the glazing, repair wood damage, replace broke glass, prep & paint. Also, project will repair plaster wall damage in the Owen's House and Eagle Tavern.	77,000
Edenton Historic Site Iredell House and Slave Cabin Building Repairs Project will repair the Iredell House's porch railing, the Slave Cabin's door and siding.	62,000
NC Transportation Museum Back shop Building Repairs Project will make building repairs and code improvements to allow the Back shop (approx. 100,000 sq ft.) to be utilized by the NCTM staff for exhibits and special events. Specifically, the project will make roof repairs, design and install fire alarm and suppression systems to allow for gallery occupancies, install restrooms, clean and install overtopping concrete floor surface, improve building exits to meet minimum distance codes, install additional lighting, and construct public walkway into and through the building. The building will not be heated or air conditioned.	535,000
Cultural Resources Total	**7,373,000**

Environment and Natural Resources

Innovation Center Building Security Improvements Establish building security measures for the Governors' new "Innovation Center" located on the first floor of the DENR Headquarters building on Jones Street. The "Green Square" Buildings' first floor innovation center is currently scheduled to be opened on weekends to the general public as a walk in, user friendly, IT technology sharing format. The first floor of the DENR Headquarters building currently has no in-place, static area security measures. Renovation will include automatic locks with badge reading capabilities as well as the construction of a new access door with card access capabilities.	188,000
NC ZOO - Desert Pavilion Energy Upgrade Phase I & II The Desert Pavilion is the third largest energy consumption facility at the NC Zoo. This request is to replace the balance of the components of the HVAC system in order to extend the life and complete the upgrades to this system with the objective of reducing energy costs by 25 - 40%. The Pavilion uses about $80,000 in electricity each year and about 1/3 of all propane ($375,000). The project would replace the AHU-1 primary dome air handler which is 22 years old with a more efficient unit incorporating desiccant ERV to remove moisture. Air Handling Units (AHU) 2 and 3 would be replaced as well as ductwork, fans and heating and control valves.	617,000

2013-14 Repair and Renovation Reserve

Recommended Project List

Research Lab Chiller The existing chiller has exceeded its expected and functional life, and is the subject of frequent temporary "fixes" to keep it marginally functional. The extensive research collections dependent on controlled climatic conditions are suffering when the HVAC system fails to maintain the required environment. Consulting engineer (Keith Rogers with BNK) strongly recommends replacement. A more modern, energy efficient unit will reduce operating costs, reduce repair costs, and allow for facility personnel to put needed time on other projects. Heat increase on the research collections housed in flammable fluids increases off gassing and the chances for disaster from fire.	75,000
Aquarium Pine Knoll Shores - Air-Cooled Chiller Replace the current chiller & cooling tower with a 200 ton 3 stage air- cooled chiller with back-up primary and secondary chilled water pumps. The current chiller unit is vastly oversized and is suffering from excessive wear and tear due to low load usage. The current unit cannot slow down enough during low demand periods and is literally shaking itself apart. The associated cooling tower is also experiencing problems due to water quality issues and its location next to a marsh and the waste water treatment plant. Both the chiller and cooling tower need to be replaced before catastrophic loss of the system results in the loss of the aquarium's animal collection. We have had numerous chiller failures and as this unit ages we can anticipate them to become more frequent and extensive.	464,000
Fort Macon State Park - Bathhouse Renovations Project includes the complete renovation of the existing bathhouse. Work includes replacement of existing roof, siding, and other deteriorating building components (structural and non-structural); renovate and update interior portions of upper changing area/restrooms with individual shower stalls, hot water, lockers, etc	1,444,000
Roof & HVAC repair at Geological Office 7 Storage Facility This a large warehouse facility that houses office space, geological samples, vehicles and equipment, as well as, earth borings storage for the State of North Carolina, Energy, Mineral and Land Division. Metal warehouse roof is a sheet metal, corrugated structure with metal screw attachments. This structure needs to have all through-metal fixtures including pipes, exhausts, and fans, reset and resealed. Roof drains, which are blocked below ground, require excavation and replacement as to avoid further ground flow building flooding. During the course of this repair all damaged and inoperable HVAC systems (roof mounted) will be renovated and / or replaced which will extend the useable occupancy of the building up to 10 additional years.	109,000
Air Quality Lab Water Damage Repairs An engineering study completed by L.S. Agnew, Jr.,P.E., on June 24, 2013 surveyed the water infiltration problem experienced for a number of years at the Air Quality Lab building on Reedy Creek Rd. After study of the roofing system, the window and louvered wall system and vapor emission testing on the floor, the engineer concluded that water is entering at open construction joints which is causing the deterioration of walls and floors in several rooms. The study notes that the building has "no or little elevation above surrounding earth and little if any slope away from exterior walls". Engineering mitigation measures consist of installing approximately 800 linear feet of perimeter subgrade drainage system, and approximately 7,000 square feet of interior repairs to replace the existing flooring system, and sealing the concrete slab and open joints. These repairs are intended to prevent further degradation to the structural integrity and workspaces in the building. After the structural work is completed. replacement of drywall, painting, wall insulation, moldy ceiling tiles, vents and installation of a safe electrical line are required to complete the repairs.	271,000
Air Handler replacements - Reedy Creek Rd. The air handlers in the Air Quality lab and the Water Resources Lab are twenty-three years old, rusted, and in need of replacement. Their conditions are reaching the point that facilities management is concerned about their failure. The drain pans have rusted through and are leaking into the buildings increasing the potential for water damage to the buildings and contents. A study completed in 2007 by Carter-Burgess Engineers found that the air handling units in both buildings were undersized, and in poor condition, and recommended replacement 6 years ago.	238,000

2013-14 Repair and Renovation Reserve

Recommended Project List

NC Zoological Park - Tram Road Re-Paving Repairs The Zoo tram and bus roads which are used primarily for visitor transportation have areas which are in very poor condition. There are parts of the roads which have missing pavement and other sections which have "alligator" deterioration which usually develop into potholes. At this time about one mile (or about 20%) of paving needs replacing. As these sections continue to worsen, public safety will be compromised.	368,000
Research Lab Fire Panel Upgrade The current fire panel at the Research Lab on Reedy Creek Road, Raleigh, NC is obsolete and parts cannot be found on the market. The panel needs to be replaced and software updated to assure proper function and protection of staff, research collections, and building facilities.	20,000
Diesel Fuel Tank Replacement This project is to replace the existing emergency generator diesel oil storage tank located at the Roanoke Island Aquarium. The storage tank in place now is showing signs of aging and is not sufficient to supply fuel reliability. The tank is showing signs of leakage, containment is becoming more difficult, and could lead to groundwater contamination if not properly replaced. This tank was tested in the spring of 2013 and is definitely leaking into the interstitial space.	247,000
Reedy Creek - Replace Fire Alarm Panels/Roof Repairs The Simplex-Grinnell Model 4002 fire alarm panels were retired by its manufacturer in 1998. Service parts will become increasingly difficult to acquire as the manufacturer depletes it stocks. The panels need to be replaced with ones that are compatible with existing initiating devices and notification appliances. Roof repairs are needed on the three buildings in the Reedy Creek Laboratory Complex. Leaks are evidenced by staining of ceiling tiles and poodling of water on floors. Analytical equipment is in jeopardy of being damaged by water intrusion through the roof. Numerous penetrations need to be caulked and possibly boots provided for some penetrations.. Complete replacement may be necessary in some areas.	112,000
Statewide Roof Repairs Roof repairs for 84 structures at 18 different State Parks throughout the State. The Division has over 1,200 buildings throughout the system and are in need of constant repair. The impact is extensive damage to building structures that will lead to more costly repairs in the future if not repaired. The ages of the structures vary. Typical repairs include replacing shingles, sheathing, and other damaged roof components as necessary to maintain the integrity of each structure.	522,400
Aquariums, Roanoke Island - Replace Roof Panels in the Conservatory The panels that are currently in place in the conservatory or the Wetlands Exhibit area are 13 years old and have become brittle and discolored. One panel has already failed during a hurricane and the remaining panels are expected to fail as we enter another hurricane season.	454,000
Addition of Floor Drains Behind Exhibit Tanks Adequate floor drains are not provided in the exhibit tank support areas, resulting in frequent flooding of the support areas. Floor drains will help keep the excess tank water from cleaning and filling operations routed to the correct outlet, instead of flooding the general floor area, causing water damage and trip hazards.	103,000
HVAC Retro Commissioning HVAC Retrocommissioning needs to be completed for final equipment installation for auxillary heat in critical areas and diffusers not originally installed, troubleshooting, and test and balance of the system. Current funding partially deals with duct cleaning and installation of diffusers/return grills that were not installed with the original construction. With the completion of this project we should see better efficiency from the units and thus fewer repairs and less stress on the individual units.	180,000
Museum of Natural Sciences - Grease Trap Replacement The existing grease trap is 13 years old. Cleaning over the years has etched the pipe wall making it more difficult to clean. This has resulted in several overflows. Due to location of the existing trap, these overflows have resulted in damage to the flooring on A Level located beneath the trap. The new trap will be located above the floor level and beneath the sink.	25,000
Environment and Natural Resources Total	**5,437,400**

2013-14 Repair and Renovation Reserve

Recommended Project List

2013-14 Repair and Renovation Reserve

Recommended Project List

Health and Human Services

O'Berry Neuro-Medical -New Heating Plant With the building of the New Cherry Hospital to replace the existing facility, a new heating plant must be built prior to the closing of Cherry Hospital. Currently high temperature heating hot water (~320°F) is produced and pumped from Cherry Hospital to O'Berry Center for their needs. This project will provide for a new low temperature (200°F) plant to be built on the O'Berry campus to serve their heating needs. This project will also include changing out heat exchangers in each building for the new heating water temperature.	4,715,000
Longleaf Neuro-Medical - Add Fire Suppression System - Service Wing This project will provide funding to add a sprinkler system to approximately 67,000 SF of the non-sprinklered area of the facility. The original facility was constructed in 1941. The automatic sprinkler system will provide required life safety for patients, staff and visitors.	800,000
Walter B. Jones ADATC - Units 4, 6, and 12 - ADA & Security Upgrades This project will involve modifying and updating the ARS Buildings (Units 4, 6, & 12) to provide improved accessibility and patient safety. Due to greater acuity and risks of ligature, the facility requires upgrades to improve patient safety. The project includes bathroom ADA/safety renovations, installing hard ceilings, security light fixtures and diffusers, and door and hardware replacement. Also included is ductwork replacement (the air handler unit replacement was done in 2009), a covered walkway to the Acute Care Unit, minor renovations to the activity rooms for greater patient activity diversity, and removal of the remaining asbestos containing material floor tile.	1,158,000
John Umstead Campus - New Steam Plant to back feed John Umstead Hospital The existing steam plant is old, unreliable, and extremely inefficient. There are numerous steam leaks in the plant and in the existing steam and condensate piping through the campus. The purpose of this project is to modify the auditorium area of Building 48 on the JUH campus to convert this room into a boiler plant to serve the facility. Building 48 is central to the campus so that a minimum amount of new distribution piping will be required. Estimate is based on bids received for this project that came in over budget.	2,288,000
Caswell Developmental Ctr - Reroof Central Hospital, Central Warehouse, & Hardy Bldg. This project will replace flat roofs on Central Hospital, Central Warehouse, & the Hardy Building with modified bitumen and coat the metal porch roof at the Leisure Activity Center (Main Dining Room). The flat roofs are covered with EPDM which has deteriorated and attempts to repair have been temporary and fail often.	677,000
Cherry Hospital - Warehouse #2 Reroof This project will fund the re-roofing of Warehouse #2 , constructed in 1960, which is the materials storage area, and receiving dock for the hospital. Everything that comes into the hospital must first be received and stored in this building. This building also houses the Mechanical Maintenance, HVAC, Refrigeration, and Electrical shops, as well as the parts supply area for all major and minor utility and building systems repairs. The original roof of the building, while well built, has reached the end of it's useful life, despite the efforts of in-house staff to extend it. The fiberglass skylights have become severely degraded by decades of exposure to sunlight and are extremely brittle. Direct replacement parts can no longer be found, and the metal roof can no longer be repaired.	283,000
J. Iverson Riddle Dev. Ctr. - Chapel Roof Upgrades - Additional Funding This project will replace the existing failing fiberglass shingle roof with a standing seam metal roof. All existing roofing and underlayments will be removed down to the deck. The existing decking will be repaired and more securely fastened to the wood sub-structure including additional edge blocking at panel joints. All new underlayments including ice and water shield will be installed. All new edge boards and gutters will be installed.	150,000

2013-14 Repair and Renovation Reserve

Recommended Project List

Murdoch Dev. Ctr. - Replace Parkview Roof & Misc. Flat Roofs on Cottages This project will replace the roof on Parkview Cottage and also replace low slope roofs on Woodside, Meadowview and Beacon Cottages. It will also replace storage shed roofs at Newport Cottage.	503,000
Walter B. Jones ADATC - Dorm Upgrades This project will modify and update Dorms 1 - 5. This project will replace exterior windows and doors, interior doors, ceilings, flooring, painting and other miscellaneous items. The project will also replace the HVAC distribution system, replace plumbing fixtures to make them ADA compliant, replace electrical lighting and power (non-grounded system), install a fire sprinkler system and the installation of new fire alarm devices. All of these systems are original or non-existent. This project will also install an electronic access system and camera system for monitoring and improved security.	800,000
Vocational Rehabilitation-WorkSource West, Flaherty Bldg Roof Replacement This project will install a new thermoplastic polyolefin (TPO) roof on the Flaherty Building.	182,000
Black Mountain Neuro-Medical Center - Elevator Upgrades This project consists of upgrading three elevators, one each located in the Gravely, Rasberry and Administration wings of the building. Full modernization upgrades include replacing the controller, pumping unit, car and hall fixtures, door operator, door hardware, wiring, life safety requirements, etc. for the Gravely and Rasberry elevators. Upgrades to the Administration elevator include new ADA controls, life safety requirements, new lighting and door safety features.	319,000
J. Iverson Riddle Developmental Center - Boiler Burner Replacement The 2-Bryan Boilers that supply heat to the entire facility, are in immediate need of replacing the burners to ensure the system does not fail. Issue was recently discovered during a mandated boiler inspection. Recent Inspection of Boiler tubes indicate boilers have been maintained well and are in good condition, replacement of our obsolete gas & oil burners has been advised by boiler professionals. Burner replacement is a high priority for the facility and would be more efficient, reducing energy cost.	95,000
Broughton Hospital - Chapel Air Conditioning Replacement The project involves the replacement of air handling units and condensing units at the Broughton Chapel. This equipment was originally installed in 1964 and this equipment is well beyond its useful service life. These systems now require significant maintenance in order to keep them operational.	360,000
Central Region Hospital-All Weather Canopies for CRH entrances & dock area All weather covers are needed for the East entrance, the West visitor/main entrance and the receiving dock at Central Regional Hospital. Due to the building construction and orientation to the sun, excessive amounts of ice build up on the ledges above the east walkway and on the walkway itself to the point that ice melt does not clear it. The receiving dock is not only exposed directly to the natural elements, but also to water, ice and chemical melting compounds from the walk above. Food supplies, cooked patient food for other facilities, medical supplies, and sensitive materials must be transported across this area causing contamination and damage concerns.	347,000
Julian F. Keith, ADATC - Kitchen & Dining Building Upgrades This project will modify and update the Dining / Kitchen Building. The building was built in 1968 and hasn't had any renovations. This project will replace doors, ceilings, flooring, painting and other miscellaneous items. The project will also replace the existing HVAC system, kitchen exhaust system, replace plumbing fixtures to make them ADA compliant, replace electrical lighting and some power and install new fire alarm devices to the existing system. All of these systems are original except the condensing unit. This project will also install a modern electronic access system for monitoring and improved security.	125,000

2013-14 Repair and Renovation Reserve

Recommended Project List

Cherry Hospital - Royster Elevator Upgrades This project will upgrade three elevators in the Royster Building. This building will remain in use and is vital to the operations of DHHS. Upgrades will include replacement of door operators, replacement of the interior and exterior fixtures to meet ADA requirements and replacement of the supervisory and control system. Upgrades are also needed at each of the three elevator machine rooms to enclose the space and provide independent HVAC service. Upgrades to the electrical and fire alarm system are also included to bring the three elevators into compliance with current codes.	549,000
Black Mountain Neuro-Medical - Boiler Upgrades The existing boiler plant is in need of several repairs in order to ensure reliable operation in the future. These repairs/upgrades include the following: replacing the throat tile and draft controls in Boiler #1, replacing the header manifolds in two boilers located in the upper boiler room, replacing the packaged condensate tank and pumping system, replacing the existing lift pump and several circulating pumps, and providing a boiler plant control system to provide better system control and energy management.	376,000
Walter B Jones, ADATC-HVAC Renovations - Recreational Therapy/Activities Building This project involves the replacement of air handling equipment, boilers and controls in the RT/Activities Building. This building was constructed approximately 44 years ago, and the HVAC system now requires significant maintenance to keep the system operational.	436,000
J. Iverson Riddle Developmental Center - Willow Building Roofing The existing roof is 25-35 years old. This project will install a new thermoplastic polyolefin (TPO) roof on the Willow Building and replace the siding/skirting on 2 penthouses on the roof. The roof in place now has multiple active leaks.	379,000
Broughton Hospital - Moran Building Roofing Upgrades This project consists of repairing the roofing, flashing, and related waterproofing systems for the Moran Building. The project work is needed to protect the buildings from deterioration and to provide a suitable environment for the building occupants.	272,000
O'Berry Neuro-Medical Treatment Center-Emergency Power for Nine Cottages This project will provide 100% emergency power for cottages 6-1,6-2,6-3,6-4,6-5,7-6,7-7,7-8 and 7-9. One generator will serve a group of three cottages and there will be a total of three generators serving the nine cottages.	475,000
J. Iverson Riddle Developmental Center - Gymnasium & Pool Roofing This project will involve removing the existing shingle roof and insulation and repairing all damage to eaves and drips. It will also involve replacing damaged sheathing and nose boards, and installing a new standing seam 24 gauge metal roof with ridge vent. For the pool area, this project will involve removing the existing shingle roof and insulation down to deck and replacing it with all new taper insulation and a new thermoplastic polyolefin (TPO) roof.	257,000
Caswell Developmental Center - Reroof Alpha, Beta, & Gamma Buildings This project will replace the flat roofs on Alpha, Beta, & Gamma buildings with modified bitumen roofs. The flat roofs are covered with ethylene propylene diene monomer (EPDM) which has deteriorated and attempts to repair are temporary and often fail.	380,000
O'Berry Neuro-Medical Treatment Center - Chapel Roof Replacement This project will provide a new shingled roof and gutters for the Chapel building. Due to the amount of water penetration into the building, the ceiling tiles in the building will be replaced as well.	153,000
Health and Human Services Total	**16,079,000**

2013-14 Repair and Renovation Reserve

Recommended Project List

Office of Information Technology Services

Lighting Replacement/Upgrade — 778,000

By Federal mandate the production of the T12 magnetic ballasts was discontinued in 2010, and the production of the T12 lamps was discontinued in 2012. The existing lighting system in the ITS 3700 Wake Forest Road Building is inefficient, deteriorated with age and difficult to maintain. The T12 lamps and magnetic ballasts consume excessive energy, the controls are limited, and the wiring is in poor condition. This project will replace the existing lighting fixtures (installed in 1971) with new fixtures using T8 or T5 bulbs and electronic ballasts. New lighting controls will be provided, suitable for a data center environment. Also, the drop ceiling is in poor condition and will be replaced to facilitate the lighting upgrade. Impact should be nominal to working conditions.

Information Technology Services Total	**778,000**

Justice

SBI Lab - Replace Cooling Tower — 358,000

This project is to replace two cooling towers. The cooling towers are leaking due to corrosion.

SBI Lab - HVAC & Lab Hood Control Migration — 1,848,000

SBI Crime Lab has very critical mission related to the testing and analysis of evidence. The HVAC system impacts the conditions in these lab spaces including work under fume hoods. All controls are old technology that is no longer supported by the manufacturer. Replacing each panel as it fails is very expensive, inefficient, and has potential to corrupt evidence. This project provides a planned migration to new controls that has minimum impact on the daily lab function.

SBI - Building 9 Renovation — 1,480,000

Provide additional workable and usable space to ensure compliance to fire codes, ADA, and health and safety standards. The building was built in 1954, has not had any interior renovation, and has a significant quantity of asbestos. Building 9 houses training staff to include a classroom that is utilized by SBI and other agencies.

Justice Total	**3,686,000**

Office of Public Instruction

New Education Building, CAT 6 Computer Wiring / Data Services Support — 979,000

This project will replace the existing computer cabling in the New Education Building. The DPI network is the single most critical piece of the departmental IT infrastructure. Currently the existing cabling has increased problems such as slow system response times, insertion loss (attenuation), near end and far end crosstalk issues, which result in lower productivity. Some of the DPI cabling is more than 20 years old.

NC Center for the Advancement of Teaching - Fire Safety Improvements — 84,500

This project will address fire safety issues related to lighting in the amphitheater. Currently, lighting is provided by a single lamp incandescent battery powered luminaries. Single lamp for a single luminaries in the space yields a violation of NEC article 700.16. The luminaries are not powered by the generator supplied circuit. During power outages the light will go out and the single egress lamp will illuminate, some 10 seconds later when the generator supplies power to the building the lamp will go out and the room is dark. Sufficient quantity of existing luminaries are retrofitted or an egress lighting application with batteries ballast. Cost estimate includes wiring to generator supplied circuit.

2013-14 Repair and Renovation Reserve

Recommended Project List

Governor Morehead School - Garage Demolition and Parking Lot Construction This project will involve the removal of an existing abandoned garage building located adjacent to the Currin Building. The existing building no longer has a roof or any building services. The project will include construction of a new paved parking lot at the site of the existing building, which will be incorporated into the lot near the Currin Bldg. The demolition has been approved by all required State agencies. The cost will include some asbestos abatement per the asbestos survey. The continuing deterioration of the building is a hazard to the Governor Morehead students and to the students of the Wake County Young Women's Leadership Academy who lease the adjacent Currin Building.	88,800
Western School for the Deaf - Old Gymnasium Building Renovation This project will fund the total renovation of the existing gymnasium which was constructed in 1924 and not altered from its original configuration.	2,921,300
Eastern School for the Deaf - Vestal Hall Window Replacement The windows in this building are in very poor condition. Replacement parts are not available and most of the windows are inoperable, with some having been screwed shut to keep them from falling out. The frames are deteriorated; the glass does not come close to meeting requirements of the N C Building Code. They do not meet efficiency standards and are well beyond their useful life. Replacing these windows with new energy-efficient windows that open and close properly will satisfy safety concerns and result in very significant savings in energy costs.	357,000
Governor Morehead School - Campus Roofing Upgrades This project will involve the repair of roofing, flashing, soffits, fascias, and related waterproofing systems and subsystems needed to protect buildings from deterioration and to provide a suitable environment for occupants. The project scope and cost were based on current needs and FCAP report.	306,100
Public Instruction Total	**4,736,700**

Department of Public Safety

Statewide - Kitchen Hood Suppression System Upgrades Upgrade, repair and/or replace Kitchen Hood Suppression system to meet code requirements and replace worn out equipment. Units require new hoods, exhaust fans, supply fans, structural support, fuel shut-offs, tie-ins to fire alarm systems and electrical interlocks	700,000
Statewide - Replacement/Upgrade of Obsolete Electronic Security Systems Replacement of obsolete electronic door controls, perimeter security detection and surveillance systems require continuous funding.	1,780,000
Statewide - Fire & Life Safety Systems Installation/Replacement of fire alarm systems at various facilities as identified by Department of Insurance inspections. Replace defective or inadequate egress lighting and exit signs as needed. Upgrade electrical service at various sites.	3,450,000
Renovations to Improve Existing Space Repairs and renovations of existing buildings at National Guard readiness centers/facilities statewide. Project includes work to exterior doors, interior doors, partitions and interior walls, floors, ceiling and painting/finishes. Total programmed cost of this project to correct ongoing system wide deficiencies is estimated at $19,135,000, including escalation. This project is funded at 50% Federal/50% State. This request is for SFY 2013-14 in the amount of $918,500 to match federal funds of the same amount, for a total SFY 2013-14 project cost of $1,837,000. If state funds are not appropriated, federal funds will not be received.	918,500

2013-14 Repair and Renovation Reserve

Recommended Project List

Mechanical Systems Renovations/replacement Repairs and replacements of mechanical systems at National Guard readiness centers/facilities statewide. Project includes work to water service, natural gas piping, plumbing fixtures, domestic water piping inside building, energy supply, primary heating and cooling source, primary air systems, terminal and package units and computer room a/c. Total programmed cost of this project to correct ongoing system wide deficiencies is estimated at $30,779,000, including escalation. This project is funded at 50% Federal/50% State. This request is for SFY 2013-14 in the amount of $757,500 to match federal funds of the same amount, for a total SFY 2013-14 project cost of $1,530,000.	757,500
Charlotte Readiness Center - Fire & Life Safety Systems Elevator repair in the 2-story Charlotte Readiness Center to correct electrical issues. Passengers trapped in an inoperable elevator presents fire/life safety hazards & an inoperable elevator in this 2-story building is in violation of ADA regulations. Project is funded 50% Federal/50% State. SFY2013-14 request is for $130,500 to match federal funds of the same amount, for a total SFY2013-14 project cost of $261,000. If state funds are not appropriated, federal funds will not be received.	130,500
Badin Warehouse Electrical System The life safety electrical deficiencies are: 08-E001 Correct Grounding Violations; 08-E002 Upgrade Site Lighting; 08-E003 Replace Emergency Power System; 08-E004 Provide Fire Alarm System; and 08-E005 Provide Egress Lighting.	138,000
Badin Warehouse Access, Dock, & Exhaust Repairs The facility deficiencies addressed in this R&R are: 08-G007 Reconfigure Short Term Access; 08-G008 Repair Loading Dock and Drainage; and 08-M002 Upgrade Exhaust and Make-up Air.	86,000
Laurinburg Office Renovation The exterior and interior of the building has gone for quite a while without significant repair or maintenance and is past due some attention. Repairs are needed on the exterior facia, doors, windows, locks and some painting is required on the exterior as well as painting the complete interior of the building. The repair or replacement of the windows would be an energy efficiency improvement but the actual savings would be determined based on reduction in utility bills. This work would be accomplished while the building remains in use.	44,000
Roof Repair and Renovations Repair and replacement of existing roofs and weatherproofing facilities statewide.	7,500,000
Architectural Systems A number of architectural systems pose a threat to the safety and security of the public as well as the employees who work within the facilities. The range of problems includes the need for fire-rated partitions and doors, missing or damaged stairs; replacing windows and doors in older facilities for greater energy efficiency, improving accessibility for ADA compliance; and a wide variety of other issues.	750,000
Dobbs YDC Kitchen Renovations In the 2013 Session of the General Assembly, the Department was directed "to ensure that the kitchen facility at the Dobbs Youth Development Center is operational by October 1, 2013." (SL 2013-360 Sec 16D.9. Pg. 269) Renovation of the old kitchen will require a thorough evaluation of the present condition. Known deficiencies will require asbestos and lead paint abatement; bringing the Electrical, Plumbing and HVAC up to code; bringing the Fire Alarm System up to code; improvements to the building envelope in the form of doors, windows, etc. and replacing of all food storage and preparation equipment. Although required by the General Assembly, no funding was attached to the directive for repairs.	1,774,000

2013-14 Repair and Renovation Reserve

Recommended Project List

Deteriorated Fences Repair and replacement of security fencing at various locations statewide. Includes perimeter fencing and internal fencing for use in areas including motor pool, military vehicle parking area and exterior storage areas. Provides protection against vandalism and anti-terrorism/force protection threats to meet federal standards for security post-9/11. This project is funded at 50% Federal/50% State. This request is for SFY 2013-14 in the amount of $24,000 to match federal funds of the same amount, for a total SFY 2013-14 project cost of $48,000. If state funds are not appropriated, federal funds will not be received.	24,000
Water & Wastewater Improvements Repairs and renovations to waste and wastewater systems at existing National Guard readiness centers/facilities statewide to correct ongoing system wide deficiencies. This project is funded at 50% Federal/50% State. This request is for SFY 2013-14 in the amount of $43,500 to match federal funds of the same amount, for a total SFY 2013-14 project cost of $87,000. If state funds are not appropriated, federal funds will not be received.	43,500
Underground Storage Tanks Removal/remediation of underground fuel storage tanks at National Guard facilities statewide. This project is a requirement to comply with 15A NCAC 2L & NCDENR Notices of Regulatory Requirements. It addresses fuel storage tank leakage where remediation & closure requirements exist. Includes tightness testing, excavation & removal, soil & groundwater analysis, disposal of soil, & groundwater remediation. A Limited Site Assessment, Corrective Action Plan & replacement with Above Ground Tank will be completed as required. Also includes requisite actions to post Notices of Residual Petroleum in accordance with NCDENR Administrative Rules. This project is funded at 50% Federal/50% State. This request is for SFY2013-14 for $24,500 to match federal funds of same amount, for total SFY2013-14 project cost of $49,000. If state funds are not appropriated, federal funds will not be received.	24,500
Security Systems Repairs and installations of security systems at existing National Guard readiness centers/facilities statewide to correct ongoing system wide deficiencies. This project is funded at 50% Federal/50% State. This request is for SFY 2013-14 in the amount of $9,500 to match federal funds of the same amount, for a total SFY 2013-14 project cost of $19,000. If state funds are not appropriated, federal funds will not be received.	9,500
DPS Total	**18,130,000**

Transportation

Modernization - Transportation Building The 4 passenger elevators in the lobby of the Highway Building and the passenger and freight elevators in the Annex Building are antiquated and require modernization. The recent change from 7-digit to 10-digit dialing resulted in the inability to program the elevator telephones, which led to the Department of Labor taking four elevators out of service.	840,000
Transportation Total	**840,000**

Office of State Budget & Management

OSBM Reserve This recommendation creates a contingency reserve for emergency projects approved by OSBM.	6,886,000
Office of State Budget & Management Total	**6,886,000**
Grand Total	**90,000,000**